

Math 7

Parents as Partners

What we are learning about: Unit 4 Geometry

One way you can help your student succeed in the unit is by discussing the lesson targets in the chart below. When a lesson is completed, ask your student the following questions:

1. What are the targets (goals) of the lesson?
2. What new words and formulas did you learn?
3. How can you apply the ideas of the lesson to your life?

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| **Target** | **Examples** | **Key Vocabulary** |
| **Scale Drawing**Chapter 7 Section 4 | Image result for example of scale drawing | * Scale
* Scale Drawing
* Scale Model
* Scale Factor
 |
| **Classifying Angles**Chapter 7 Section 1 | Image result for vertical and adjacent angles1 and 2 are adjacent1 and 3 are vertical | * Acute
* Obtuse
* Straight Angle
* Vertical Angle
* Congruent Angle
* Adjacent Angle
 |
| **Complementary and Supplementary Angles**Chapter 7 Section 2 | Image result for complementary and supplementary angles | * Complementary Angles
* Supplementary Angles
* Right Angle
 |
| **Rules of Triangle**Chapter 7 Section 3 | Image result for sides of triangle ruleImage result for sides of triangle rule | * Side Inequality Theorem
* Sum of Angles Theorem
 |
| **Circumference and Area of Circles**Chapter 8 Sect. 1,2 | Image result for Area of CircleImage result for circumference of a circle C= 2 x r x π C= d x π  | * Diameter
* Circumference
* Radius
* Pi
* Semicircle
* Area
 |
| **Cross Sections of 3D shapes**Chapter 7 Section 6 | Image result for cross section of 3D shapes | * Cross Section
* Horizontal
* Vertical
* Base
 |
| **Volume of Prism**Chapter 8 Section 4 | Image result for volume of prism | * Prism
* Volume
* Length
* Width
* Height
* Cubic Units
 |
| **Surface Area of Prisms**Chapter 8 Section 6 | Image result for surface area of prism | * Prism
* Surface Area
* Length
* Width
* Height
* Square Units
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If you or your students have any questions about the unit or math class, feel free to contact me at hummelcl@qps.org or call 217-223-0373 Extension 1309